

A New Species of the Genus *Phycodes* GUENÉE from
the Yaeyama Islands, the Ryukyus
(Lepidoptera: Brachodidae)

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In 1979, I collected an elegant species of Microlepidoptera from Ishigaki Island, the Ryukyu Islands. As a result of detailed investigation of its wing venation and genital structure and following advice of Dr. A. DIAKONOFF, Leiden, I decided to describe this species as new under the genus *Phycodes* GUENÉE. This genus is of a circumtropical and subtropical distribution, and has been recorded from Africa, Arabia, India, Ceylon, China, Java, Borneo and the Philippines. The discovery of *Phycodes* from the Yaeyama Islands is of great interest for the study of the insect fauna of the Ryukyu Islands.

Phycodes bushii n. sp.

♀. Alar expanse 19 mm. Head golden-bronze. Antenna under 1/2, thickend, dull black. Palpus short, appressed to face, moderately dilated; dark fuscous, basal half of palpus whitish. Patagium golden-bronze. Tegula and thorax dark fuscous, densely covered with minute oval yellow specks, except on apex. Hindleg dark fuscous; anterior half of femur white; middle and end of tibia with white band, middle one broad, median spur and terminal spur white; two white band on beyond middle and on 3/4 from base of trasus. Forewing oblong-subtruncate, costa gently concave along middle, convex at 2/3, apex obtuse, termen concave along middle. Upperside of forewing dark fuscous, densely covered with minute oval yellow specks, base of wing yellow; a short dark fuscous basal fascia, very oblique outwards before 1/4 of dorsum; small dots of dark fuscous, two on basal 1/4 of costa, two obliquely below them; an excurved moderate dark fuscous transverse band at 1/3, edged on both sides with line of yellow scales, posterior of these edges dilated towards costa; a dark fuscous semicircular spot reaching 1/3 across wing just beyond middle of costa, egded with yellow except on costa; a marginal preapical dark fuscous stria on costa, edged anteriorly and below with yellow; a broad irregular dark fuscous subterminal fascia, including a yellow spot in its middle, above middle of wing; cilia fuscous, with a golden basal line. Upperside of hindwing dark fuscous, with a faint yellowish central spot; cilia grey, with strong golden gloss with a fuscous basal line, terminal area iridescent pale ochreous, dorsum whitish yellow.

Female genitalia: Ovipositor extensile, long. Postapophyses very long and slender, anapophyses thicker, half the length of postapophyses, simple. Ostium bursae small, with a sclerotized, small, triangulate plate. Caudal margin of seventh sternite strongly excised medially. Ductus bursae rather slender, moderately long.

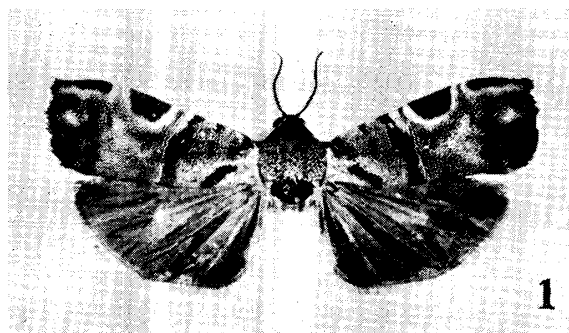
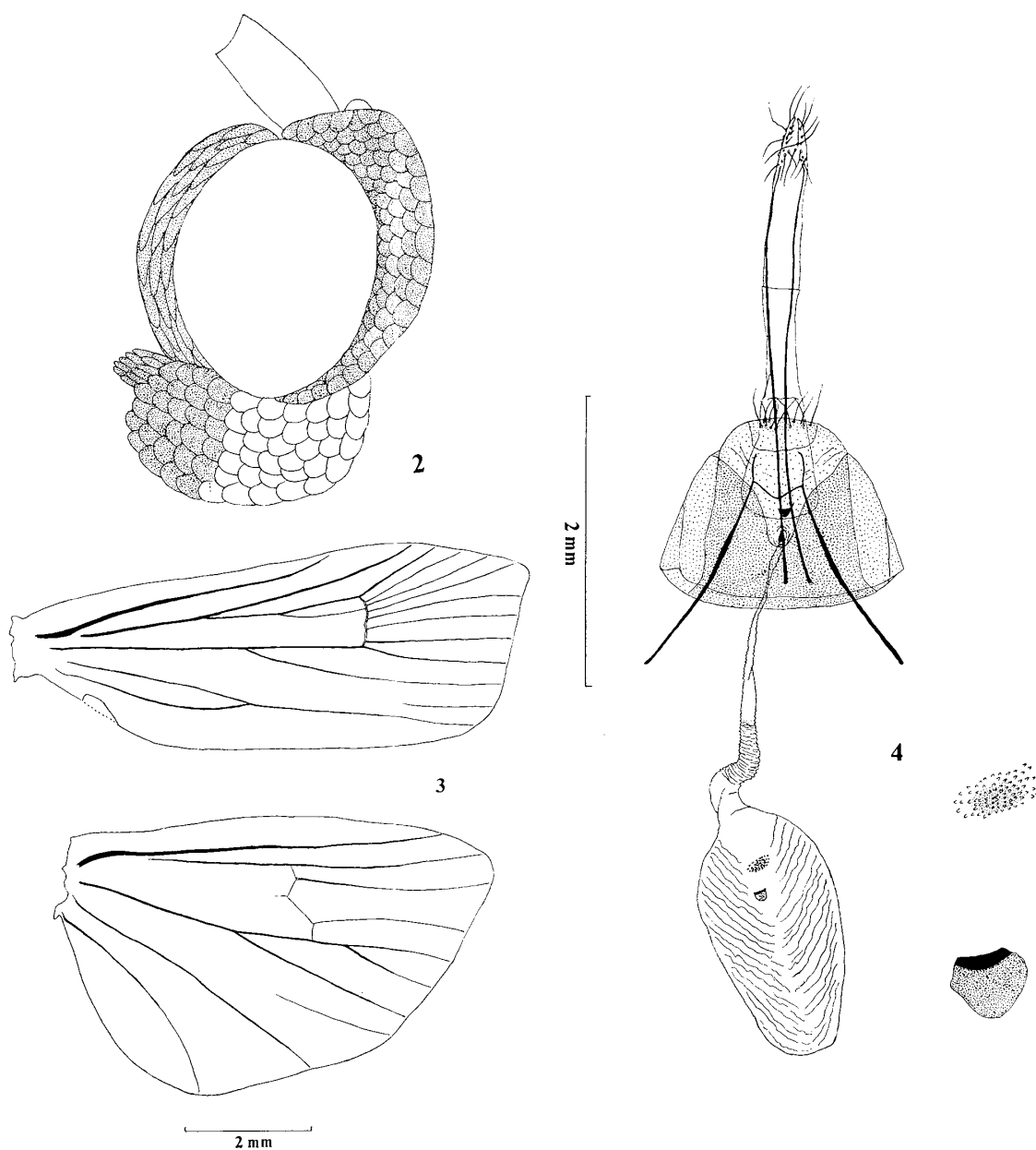


Fig. 1. *Phycodes bushii* n. sp., ♀, holotype.



Figs. 2-4. *Phycodes bushii* n. sp., (2) head, lateral aspect; (3) wing venation; (4) female genitalia, holotype.

Corpus bursae elongate-oval, wrinkled all over. Signa two, upper an elliptical scobination, under a small rounded-triangular plate.

Holotype: ♀, Ryukyu Islands., Ishigaki I., Mt. Omoto-dake, 12. X. 1979 (Y. ARITA), genit. slide 550 YA.

Paratypes: 2 ♀, Ryukyu Islands., Iriomote I., Shirahama, 7. VIII. 1962 (Y. ARITA), genit. slide 385 YA, wing slide 12 & 41 YA.